

IN THE CLAIMS:

Claims 16, 17, and 115 – 132 have been cancelled. Claims 1, 12, 22, 37, 44, and 77 have been amended, as follows:

1. (currently amended) A wireless network system, comprising:  
a server system connected to a network;  
an electronic device having a wireless transceiver adapted to communicate via at least one of light transmission and radio frequency (RF) transmission; and  
a portable wireless device having a first wireless connection with the electronic device and having a second wireless connection to the network, ~~wherein~~ the portable wireless device ~~communicates~~ communicating wirelessly with the electronic device through the wireless transceiver of the electronic device, ~~and communication from the electronic device to the server system goes through the portable wireless device~~ wherein data is transferred from the electronic device to the portable wireless device and then to the server system and response data is transferred from the server system to the portable wireless device and then to the electronic device.

2. (original) The wireless network system according to claim 1, wherein communication between the electronic device and the server system is secured from the portable wireless device.

3. (original) The wireless network system according to claim 1, wherein the wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital

Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

Claims 4 and 5 (cancelled).

6. (original) The wireless network system according to claim 1, wherein the electronic device lacks a permanent connection to the network.

7. (original) The wireless network system according to claim 1, wherein the electronic device only communicates with the server system indirectly through the portable wireless device

8. (original) The wireless network system according to claim 1, wherein the server system is adapted to process a transaction.

9. (original) The wireless network system according to claim 1, wherein the portable wireless device includes a second wireless transceiver to communicate wirelessly with the wireless transceiver of the electronic device.

10. (original) The wireless network system according to claim 1, wherein the network is a wide area network (WAN).

11. (original) The wireless network system according to claim 1, wherein communication between the electronic device and the server system is packet-based.

12. (currently amended) A method of wireless communication, comprising:  
connecting a server system to a network;

establishing a first wireless connection from an electronic device to a portable wireless device;

establishing a [[first]] second wireless connection to the network by [[a]] portable wireless device; and

~~communicating indirectly by an electronic device to the server system over the network through the portable wireless device, wherein the electronic device communicates directly with the portable wireless device via at least one of light transmission and radio frequency (RF) transmission and the portable wireless device communicates wirelessly with the server via the first wireless connection~~

transmitting data via the first wireless connection from the electronic device to the portable wireless device and to the server system via the second wireless connection; and

receiving response data via the second wireless connection from the server system at the portable wireless device and transmitting the response data from the portable wireless device to the electronic device via the first wireless connection.

13. (previously presented) The method according to claim 12, wherein the first wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

14. (original) The method according to claim 12, wherein communication between the electronic device and the server system is secured from the portable wireless device.

15. (original) The method according to claim 12, further including processing a transaction by the server system.

Claim 16 – 17 (cancelled).

18. (original) The method according to claim 12, wherein the electronic device lacks a permanent connection to the network.

Claim 19 (cancelled).

20. (original) The method according to claim 12, wherein the network is a wide area network (WAN).

21. (original) The method according to claim 12, wherein communication between the electronic device and the server system is packet-based.

22. (currently amended) A portable wireless device, comprising:  
a first wireless transceiver to communicate wirelessly with an electronic device, wherein the first wireless transceiver is adapted to communicate via at least one of light transmission and radio frequency (RF) transmission; and  
a second wireless transceiver having a wireless connection to a network, ~~wherein~~ a server system [[is]] being connected to the network, [[and]] wherein the portable wireless device first wireless transceiver receives data from the electronic device, [[and]] the second wireless transceiver transmits the data to the server system over the network, the second wireless transceiver receives response data from the server system, and the first wireless transceiver transmits the response data to the electronic device.

23. (original) The portable wireless device according to claim 22, wherein the first wireless transceiver communicates wirelessly with the electronic device via a protocol selected from the group consisting of InfraRed communication, Bluetooth protocol, and IEEE 802.11 protocol.

24. (original) The portable wireless device according to claim 22, wherein the wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

25. (previously presented) The portable wireless device according to claim 22, wherein the first wireless transceiver and the second wireless transceiver are located in a same device.

26. (original) The portable wireless device according to claim 22, wherein the server system is adapted to process a transaction.

Claims 27 and 28 (cancelled).

29. (original) The portable wireless device according to claim 22, wherein the electronic device lacks a permanent connection to the network.

30. (original) The portable wireless device according to claim 22, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

31. (original) The portable wireless device according to claim 22, wherein the network is a wide area network (WAN).

32. (original) The portable wireless device according to claim 22, wherein the portable wireless device is a mobile telephone.

33. (original) The portable wireless device according to claim 22, wherein the

portable wireless device is a laptop computer.

34. (original) The portable wireless device according to claim 22, wherein the portable wireless device is a personal digital assistant (PDA).

35. (original) The portable wireless device according to claim 22, wherein the portable device is selected from the group consisting of an embedded computing device in a vehicle, and an embedded computing device within a wearable computer.

36. (original) The portable wireless device according to claim 22, wherein communication between the electronic device and the server system is packet-based.

37. (currently amended) A method of wireless communication by a portable wireless device, comprising:

establishing wireless communication, by the portable wireless device, with an electronic device via at least one of light transmission and radio frequency (RF) transmission;

establishing a separate wireless connection to a network, wherein a server system is connected to the network;

receiving, at the portable wireless device, data destined for the server system wirelessly from the electronic device;

transmitting the data destined for the server system over the network via the wireless connection to the server system;

receiving data at the portable wireless device, the data being destined for the electronic device from the server system over the network via the wireless connection; and

transmitting the data destined for the electronic device from the portable wireless

device wirelessly to the electronic device.

38. (original) The method according to claim 37, wherein communication between the electronic device and the server system is secured from the portable wireless device.

39. (original) The method according to claim 37, wherein the wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

40. (original) The method according to claim 37, wherein the server system is adapted to process a transaction.

41. (original) The method according to claim 37, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

42. (original) The method according to claim 37, wherein the network is a wide area network (WAN).

43. (original) The method according to claim 37, wherein communication between the electronic device and the server system is packet-based.

44. (currently amended) A program code storage device, comprising:  
a machine-readable storage medium; and  
machine-readable program code, stored on the machine readable storage

medium, having instructions, which when executed cause a portable wireless device to establish a first wireless communication, at the portable wireless device, with an electronic device via at least one of light transmission and radio frequency (RF) transmission,

establish a separate second wireless connection to a network, wherein a server system is connected to the network,

receive, at the portable wireless device, data destined for the server system wirelessly via the first wireless connection from the electronic device ,

transmit the data destined for the server system over the network via the second wireless connection to the server system,

receive data at the portable wireless device destined for the electronic device from the server system over the network via the second wireless connection, and

transmit the data destined for the electronic device from the portable electronic device wirelessly to the electronic device via the first wireless connection.

45. (original) The program code storage device according to claim 44, wherein communication between the electronic device and the server system is secured from the portable wireless device.

46. (original) The program code storage device according to claim 44, wherein the wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS)



connection, and a wideband code-division multiple access (WCDMA) connection.

47. (original) The program code storage device according to claim 44, wherein the server system is adapted to process a transaction.

48. (original) The program code storage device according to claim 44, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

49. (original) The program code storage device according to claim 44, wherein the network is a wide area network (WAN).

50. (original) The program code storage device according to claim 44, wherein communication between the electronic device and the server system is packet-based.

Claims 51 – 62 (cancelled).

63. (previously presented) A method of wireless communication by an electronic device, comprising:

establishing a first wireless connection with a portable wireless device via at least one of light transmission and radio frequency (RF) transmission, wherein the portable wireless device has a second wireless connection to a network, and a server system is connected to the network;

transmitting data destined for the server system wirelessly via the first wireless connection to the portable electronic device, wherein the portable wireless device transmits the data destined for the server system over the network via the second wireless connection to the server system; and

receiving data destined for the electronic device, wherein the portable wireless

device receives the data destined for the electronic device from the server system over the network via the second wireless connection and transmits the data destined for the electronic device wirelessly via the first wireless connection to the electronic device.

64. (original) The method according to claim 63, wherein communication between the electronic device and the server system is secured from the portable wireless device.

65. (previously presented) The method according to claim 63, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

66. (original) The method according to claim 63, wherein the server system is adapted to process a transaction.

67. (original) The method according to claim 63, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

68. (original) The method according to claim 63, wherein the network is a wide area network (WAN).

69. (original) The method according to claim 63, wherein communication between the electronic device and the server system is packet-based.

70. (previously presented) A program code storage device, comprising:

a machine-readable storage medium; and  
machine-readable program code, stored on the machine-readable storage medium, having instructions, which when executed cause an electronic device to establish a first wireless connection with a portable wireless device via at least one of light transmission and radio frequency (RF) transmission, wherein the portable wireless device has a second wireless connection to a network, and a server system is connected to the network,

transmit data, destined for the server system, wirelessly to the portable electronic device utilizing the first wireless connection, wherein the portable wireless device transmits the data destined for the server system over the network via the second wireless connection to the server system, and

receive data destined for the electronic device via the first wireless connection from the portable wireless device which was originally sent from the server system.

71. (original) The program code storage device according to claim 70, wherein communication between the electronic device and the server system is secured from the portable wireless device.

72. (previously presented) The program code storage device according to claim 70, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA)

connection.

73. (original) The program code storage device according to claim 70, wherein the server system is adapted to process a transaction.

74. (original) The program code storage device according to claim 70, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

75. (original) The program code storage device according to claim 70, wherein the network is a wide area network (WAN).

76. (original) The program code storage device according to claim 70, wherein communication between the electronic device and the server system is packet-based.

77. (currently amended) A vending machine, comprising:  
a wireless transceiver to communicate wirelessly via at least one of light transmission and radio frequency (RF) transmission with a portable wireless device over a first wireless connection, the portable wireless device having a second wireless connection to a network, wherein a server system is connected to the network, [[and]] the wireless transceiver ~~communicates~~ communicating with the portable wireless device over the first wireless connection and the portable wireless device ~~communicates~~ communicating with the server system over the network, and the wireless transceiver transmitting data to the portable wireless device and receiving response data from the portable wireless device; and

a dispenser to dispense an item when an approval is received indirectly from the server system over the network, the approval being transmitted from the server to the

portable wireless device and the portable wireless device transmitting the approval via the first wireless connection to the wireless transceiver.

78. (previously presented) The vending machine according to claim 77, wherein the wireless transceiver communicates wirelessly with the portable wireless device over the first wireless connection via a protocol selected from the group consisting of InfraRed communication, Bluetooth protocol, and IEEE 802.11 protocol.

79. (previously presented) The vending machine according to claim 77, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

80. (original) The vending machine according to claim 77, wherein the approval is transmitted from the server system to the vending machine after successful payment verification.

81. (original) The vending machine according to claim 77, wherein communication between the vending machine and the server system is secured from the portable wireless device.

Claims 82 and 83 (cancelled).

84. (previously presented) The vending machine according to claim 77, wherein the vending machine does not have a permanent connection to the network.

85. (original) The vending machine according to claim 77, wherein the vending machine only communicates with the server system indirectly through the portable wireless device.

86. (original) The vending machine according to claim 77, wherein the server system is adapted to process a transaction.

87. (original) The vending machine according to claim 77, wherein the wireless transceiver transmits telemetry data destined to the server system along with transaction data destined to the server system transmitted from the wireless transceiver.

88. (original) The vending machine according to claim 77, wherein the network is a wide area network (WAN).

89. (original) The vending machine according to claim 77, wherein communication between the wireless transceiver and the server system is packet-based.

Claims 90 - 114 (cancelled).

Claims 115 – 132 (cancelled) Unless stationary node can be two way.